



NATURAL RESOURCES
TRAINING GROUP



career
choice

Environmental Field Skills Certificate Program

Train for Your Career in Natural Resources



Announcements:

Live class times:

- Two online instructor-led classes per week
 - Tuesday 4pm PST
 - Sunday 4pm PST
- Attendance

Please let us know you are here. We will provide you with an attendance link during 'live' sessions.



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An Introduction



Welcome

The beginning of a journey ...

EFS provides you with skills to work in ...



Vegetation assessments



Environmental monitoring



Forests and forestry



Fish and fish habitat



Wildlife



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And, this is only the beginning!

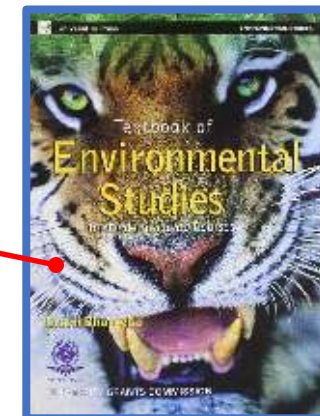
- Dynamic and varied field work



- Industry connections and promotions



- Further education and life-long learning





Your NRTG training

- **Focused on real-world, practical skills**
- **Allows you to return anytime for the program without cost**
- **Gives you access to very experienced instructors and mentors to help you in your career down the road**



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Course schedule

Week 1:

- Introduction
- Essential skill #1: Field preparation, planning and, safety.
- Essential skill #2: Effective note-taking and data recording

Week 2:

- Essential skill #3: Measuring and estimating
- Essential skill #4: Map reading

Week 3:

- Essential skill #5: Compass use
- Essential skill #6: GPS use



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Course Schedule (cont'd)

Week 4:

- Essential skill #7: Measuring slopes and clinometer use
- Essential skill #8: Soil surveys

Week 5:

- Essential skill #9: Tree and plant identification
- Essential skill #10: Vegetation classification

Week 6:

- Essential skill #11: Forest Measurements
- Essential skill #12: Wildlife surveys and observation

Week 7:

- Essential skill #12: Wildlife surveys and observation (cont'd)
- Essential skill #13: Stream measurements for fish habitat



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Course Schedule (cont'd)

Week 8:

- Essential skill #14: Fish inventory
- Essential skill #15: Fish Identification

Week 9:

- Essential skill #16: Stream invertebrate surveys and water quality
- Essential skill #17: Environmental monitoring

Week 10:

- Essential skill #18: Worksite isolation
- Essential skill #19: Erosion and sediment control
- Program conclusion and wrap up



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Grading

1. Completion of all on-line modules
2. Attendance in live sessions (or recording of these)
3. Submission of assignments
4. Participation (Padlet, in live sessions)

| Grade | Description | |
|-------|---|--------------------------------|
| | Submission of assignments | Participation |
| 0 | No submission | No participation |
| 1 | Very few if any requirements met, very little effort demonstrated | Minimal participation |
| 2 | Most requirements met, insufficient detail. | Some or periodic participation |
| 3 | Most requirements met, detail acceptable | Satisfactory participation |
| 4 | All requirements met with more detail needed. | Good participation. |
| 5 | All details included | Excellent participation |



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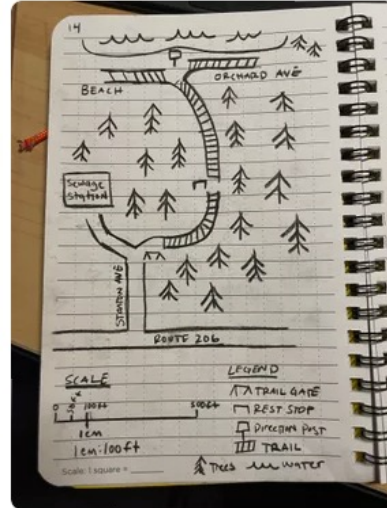
Examples of past student assignments

Week 6 Identifying birds



This assignment was not that difficult I actually enjoyed it. I was just having trouble with a particular type of duck that I couldn't simply identify. I've never seen before. Well with much research I finally found out the group of ducks BLACK-BELLIED WHISTLING DUCKS! I found a baby Blue Jay hopping from tree to tree which was really cute to watch, and hard to take a picture but eventually it posed for me after 5 minutes of trying to take one. I also took a picture of a Great Egret at the pond. That was pretty cool to watch it fly away.

Fun



I went back to the site where I did my first field activity. I choose 3 features to measure. I really want to measure the distance to the sewage station but it was a restricted area 😞 I used my stride to measure the distance from one feature to another, which required a lot of counting! Keeping track of my steps became difficult so I used a clicker/counter to accurately count my steps. I did 5 trials for each distance so I can get an average distance. After that I'm ready to formalize map! I found this activity really fun. :D Ps. when I drew my map I drew the line curved because the trails are not straight, but for it to match the measurement to my scale I simply used a string! 😊 I also forgot to convert 🙄 its a quick fix.

Week 6 (3/3)



Picture 3 (not mine) ladder back woodpeckers

Found mostly in southwest North America. Ladder backs are a type of woodpecker base on their x shape feet and point long beak. they love dry climate. Like Las Vegas and find pinyon-juniper and thorny areas to be great homes.

Week 7



Skull-good assignment to hone listening/observation skills. Found a very cool black tail deer skull. My phone died so I brought it home to take a pic. All teeth and lower jaw bones there. I wired the bottom jaw to top to show my grand kids and teach them ID skills. Loved the hand out on skull ID. Felt like I won the lottery when I found it. Stream monitoring was fun and gave me a better understanding to fish habitat especially here in the great Pacific Northwest . Salmon habitat is key here in Washington state.



What is required by an environmental technician?

